

In the Claims

1 -59 (canceled)

60. (previously presented) An illumination assembly for use as part of a device for illuminating an object by directing a beam of light from the device onto the object, said device including a housing defining a given area for directing said beam of light outward from the housing, said illumination assembly comprising:

(a) a printed circuit board having a planar front surface and a planar back surface and a side edge extending between said front and back surfaces;

(b) at least one solid state light source having an underside base mounted onto the front surface of said printed circuit board such that its underside base is adjacent to and confronting said front surface, and

(c) control circuitry connected with said solid state light source and printed on at least one of the surfaces of said printed circuit board for connecting the solid state light source to a source of power in order to control the illumination of said solid state light source;

(d) said illumination assembly being adapted for connection with said housing such that the solid state light source is disposed within said given area in a way which causes said beam of light from said solid state light source to emanate out of said given area; and (i) wherein said printed circuit board is longer than it is wide and the planar front and back surfaces of the printed circuit board extends from one lengthwise end of the latter to an opposite lengthwise end thereof, said printed circuit board further including first and second electrically conductive bumps on said lengthwise ends and serving as an electrical input and output, respectively; (ii) wherein the device includes a plurality of solid state light sources mounted on the front surface of said printed circuit board in spaced apart relationship to one another along the elongated length of the circuit board; and (iii) said control circuitry is connected with said solid state light sources and said bumps and printed on at least one of the surfaces of said printed circuit board for connecting the solid state light sources to said bumps in order to control the illumination of said solid state light source when said bumps are connected to a source of power.

61. (previously presented) An illumination assembly according to Claim 60 wherein said solid state light source is an LED.

62–68 (canceled)